REPORT NO. 78-3-18

FOREST INSECT AND DISEASE MANAGEMENT UNIT
U.S. FOREST SERVICE
DORAVILLE, GEORGIA

REPORT OF AERIAL DETECTION SURVEY

LAND OWNERSHIP OR SURVEY AREA: WILLIAM B. BANKHEAD NATIONAL FOREST AND PRIVATE LANDS WITHIN THE NATIONAL FOREST BOUNDARY

STATE: ALABAMA

AREA WITHIN SURVEY BOUNDARY: 349,000 ACRES

DATE: JULY 18, 1978

PERCENT COVERAGE: 25%

AIRCRAFT: CESSNA 182

CREW: C.W. DULL, T. ROGERS, GARLAND SMITH (BLACK WARRIOR RANGER DISTRICT)

REPORT PREPARED BY: C.W. DULL

SURVEY OBJECTIVES: TO DETECT THE PRESENCE OF FOREST INSECT AND DISEASE ACTIVITY WITHIN AND ADJACENT TO THE BOUNDARIES OF THE BANKHEAD NATIONAL FOREST. SPECIAL EMPHASIS WAS PLACED UPON DELINEATING AREAS OF RED AND FADING PINE TREES SUSPECTED TO BE CAUSED BY SOUTHERN PINE BEETLE ACTIVITY.

SURVEY RESULTS

RED AND FADING PINES WERE SCATTERED WITHIN THE NATIONAL FOREST BOUNDARY. HOWEVER, LARGE MULTIPLE TREE SPOTS WERE NOT OBSERVED. REFER TO THE ATTACHED MAPS FOR THE LOCATIONS OF RED AND FADING PINES OBSERVED WITHIN THE SURVEY AREA. NO UNUSUAL INSECT OR DISEASE ACTIVITY WAS OBSERVED.

CONCLUSIONS

PINE BARK BEETLE ACTIVITY IS AT A LOW LEVEL WITHIN AND ADJACENT TO THE NATIONAL FOREST BOUNDARY. NATIONAL FOREST PERSONNEL SHOULD CONTINUE FIELD SURVEILLANCE.

FOR ANY ADDITIONAL INFORMATION, CONTACT:

FOREST INSECT AND DISEASE MANAGEMENT UNIT
USFS - SOUTHEASTERN AREA

NORTHGATE OFFICE PARK, ROOM 2103
3620 INTERSTATE 85, N.E.
DORAVILLE, GA 30340
TELEPHONE: 404-221-4796

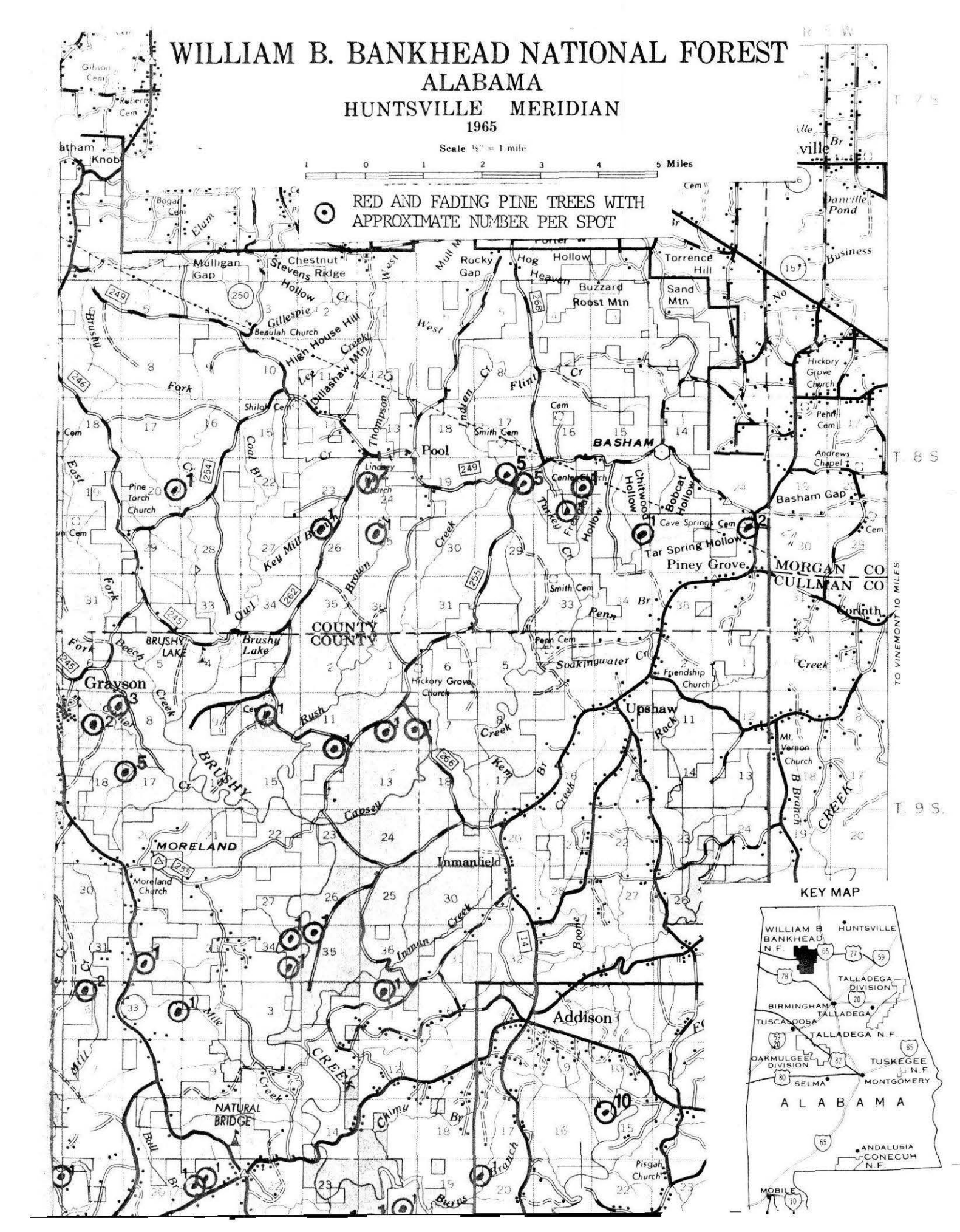
OR 2500 SHREVEPORT HIGHWAY
PINEVILLE, LA 71360
TELEPHONE: 318-445-6511

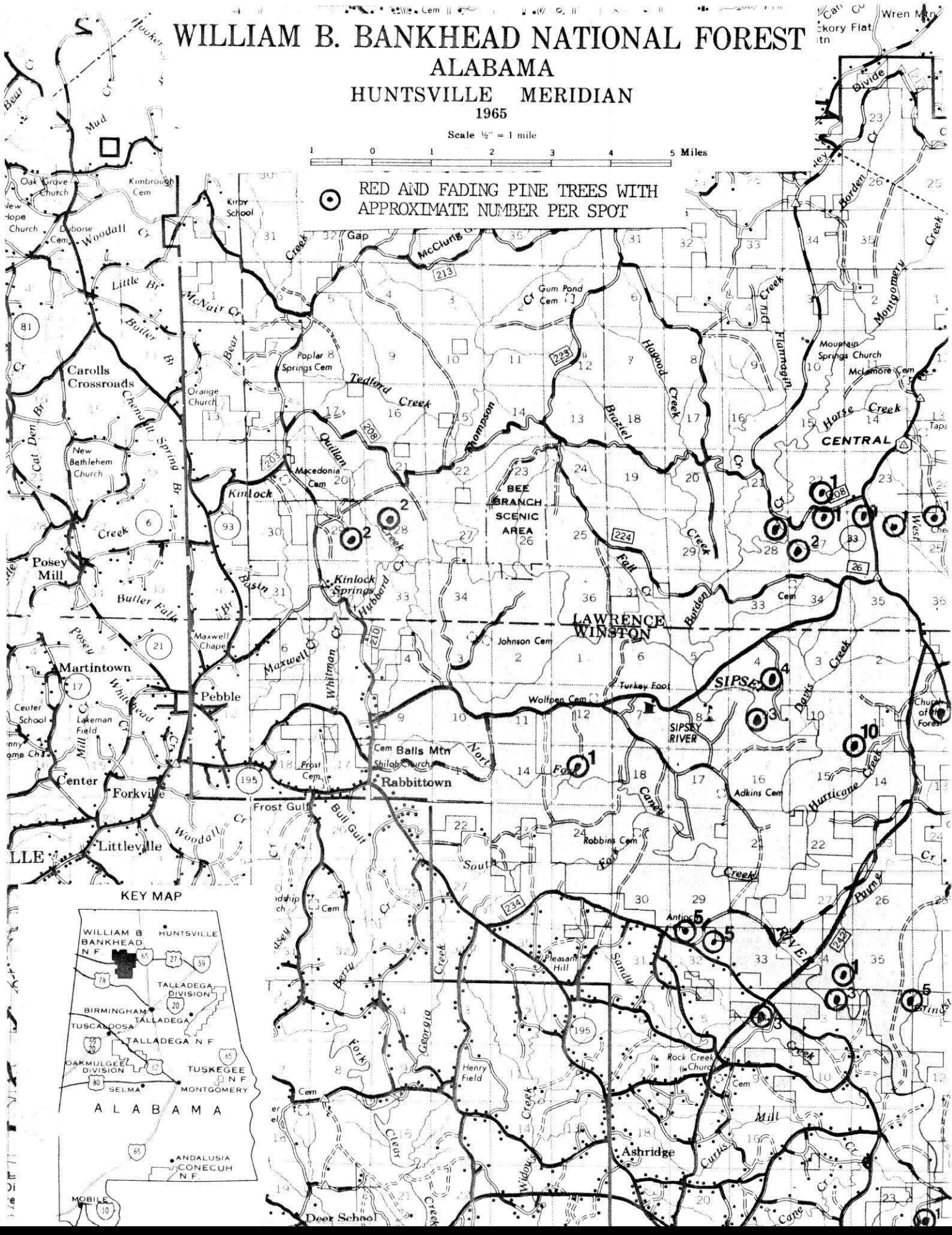
WILLIAM B. BANKHEAD NATIONAL FOREST
ALABAMA
HUNTSVILLE MERIDIAN
1965

Scale ½" = 1 mile

1 0 1 2 3 4 5 Miles

RED AND FADING PINE TREES WITH APPROXIMATE NUMBER PER SPOT




WILLIAM B. BANKHEAD NATIONAL FOREST
ALABAMA
HUNTSVILLE MERIDIAN
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Scale ½" = 1 mile
1 0 1 2 3 4 5 Miles
RED AND FADING PINE TREES WITH APPROXIMATE NUMBER PER SPOT
BEE BRANCH SCENIC AREA
CENTRAL
LAWRENCE
WINSTON
SIPSEY
SIPSEY RIVER
Carolls Crossroads
Posey Mill
Martintown
Pebble
Center
Forkville
Littleville
Rabbittown
Ashridge
Deer School
Kinlock
Kinlock Springs
Macedonia Cem
Poplar Springs Cem
Orange Church
New Bethlehem Church
Oak Grove Church
Kimbrough Cem
Kirby School
Gum Pond Cem
Mountain Springs Church
McLemore Cem
Horse Creek
Johnson Cem
Wolfpen Cem
Turkey Foot
Adkins Cem
Robbins Cem
Pleasant Hill
Antioch
Rock Creek Church
Henry Field
Balls Mtn
Shiloh Church
Frost Cem
Frost Gulf
Bull Gulf
Maxwell Chapel
Lakeman Field
Center School
Butler Falls
Woodall Cr
Mud Cr
Bear Cr
Little Br
Butler Br
Cat Den Br
Chenault Spring Br
Basin Br
Tedford Creek
Quillen Creek
Thompson Creek
Braziel Creek
Hagood Creek
Flannagin Creek
Borden Creek
Montgomery Creek
Maxwell Cr
Whitman Cr
Hubbard Cr
Fall Cr
Burden Creek
Davis Creek
Hurricane Creek
Sandy Creek
Georgia Fork
Clear Creek
Widow Creek
Curtis Creek
Mill Cr
Cane Cr
Wren Mtn
Hickory Flat
Divide
KEY MAP
WILLIAM B BANKHEAD N F
HUNTSVILLE
TALLADEGA DIVISION
BIRMINGHAM
TALLADEGA
TUSCALOOSA
TALLADEGA N F
OAKMULGEE DIVISION
TUSKEGEE N F
SELMA
MONTGOMERY
ALABAMA
ANDALUSIA
CONECUH N F
MOBILE

WILLIAM B. BANKHEAD NATIONAL FOREST

ALABAMA

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